

FEMP Core Course

Distributed-Scale Renewable Energy Projects: From Planning to Project Closeout

0.30 CEUs

The U.S. Department of Energy (DOE) Federal Energy Management Program (FEMP) presents an eTraining Core Course:

[Distributed-Scale Renewable Energy Projects: From Planning to Project Closeout](#) available on the Whole Building Design Guide (WBDG) website.

Andy Walker, PhD, Principal Engineer at the National Renewable Energy Laboratory (NREL), will serve as instructor for this training that focuses on the planning and implementation of distributed-scale renewable energy projects – those smaller than 10 megawatts – and outlines a detailed 10-step process from technology screening to project closeout.

By completing this course you will learn to:

- Plan facility renewable energy projects using available screening tools for renewable energy resources, savings-to-investment ratio analysis, and feasibility studies;
- Demonstrate the ability to determine renewable energy funding thresholds to define project requirements, propose a project site, and estimate project costs;
- Assemble and work in integrated project teams;
- Apply knowledge of renewable energy project development, including technology and resource specifics, for solar (thermal and photovoltaic), wind, and biomass projects; and
- Develop required contracting documents, such as RFPs, that take advantage of performance based contracting and design-build approaches to achieve optimal results.

After completing a course evaluation and multiple-choice assessment, participants will receive a certificate of completion and IACET Continuing Education Units.

FEMP Core Courses are designed for Federal energy and facility managers, but are open to all individuals at femp.energy.gov/training. Courses are hosted in partnership with the National Institute of Building Sciences Whole Building Design Guide at http://www.wbdg.org/education/femp_ce.php.

Requires Google Chrome, Firefox 4.0+, Internet Explorer 7.0+ or Safari, and the Adobe Flash 9+ plugin.

For more information, visit the [FEMP Training](#) website.

For other free, self-paced eTraining Core Courses offered by FEMP in association with the Whole Building Design Guide, visit <http://apps1.eere.energy.gov/femp/training/etraining.cfm>

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